



# The Nigerian Society of Engineers

PORT HARCOURT BRANCH



e-newsletter

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JULY, 14TH 2012

## Interview with Elizabeth Feinler on Early Networks

*Elizabeth Feinler pioneered and managed first the ARPANET, and then the Defense Data Network (DDN), network information centers (NIC) under contract to the Department of Defense (DoD). Both of these early networks were the forerunners of today's Internet. Her group developed the first Internet "yellow-" and "white-page" servers as well as the first query-based network host name and address (WHOIS) server. Her*

*group managed the Host Naming Registry for the Internet from 1972 until 1989. As part of this effort, she and her group developed the top-level domain-naming scheme of .com, .edu, .gov, .mil, .org, and .net, which are still in use today. She was appointed Delegate at Large to the White House Conference on Libraries and Information Centers; has been a member of ACM, ASIS, IEEE, and was a founding member of the Internet Engineering Task Force. In 2000, she was inducted into the SRI Alumni Hall of Fame.*



Elizabeth

**E-Newsletter:** *Ma'am, you have been in the internet community for a long time and you are part of the people that started the development of the internet. What can you tell us about the challenges and how you were able to overcome them?*

**Elizabeth:** Well, I ran the Network Information Center first on the ARPANET and then the Defense Data Network. We were a kind of information hub for people, documents and whatever was needed and then we evolved into being the naming service. So as

the head of the information centers, we kind of saw the whole picture evolving and the network started out as an experiment. "Was this going the way to network or not?" Then a way to share resources. There were huge computers which were very expensive. They had very little capacity and not many people had access. So the idea was maybe more people will have access; and then resource sharing kind of evolved into email. The network that first came change the way people communicate with each other. Then it went over to the development of protocols and finally the World Wide Web and then all hell broke loose. Originally, it was all government funded. It started out with military funding; then other parts of the government and then the national science foundation wanted to bring other universities on. So it evolved that there was timing of a whole different atmosphere; who the users were and what they wanted to do. It was fun to watch this and I left about '89 and that was just about the time that decisions were been made to let the network go commercial and that off cause was a whole different ball game. It was extremely very interesting to watch all that happen.

**E-Newsletter:** *What advice do you have for the younger ones as they are taking over the internet, because the youths today are more on the internet.*

**Elizabeth:** Well, when I was a kid; I am from West Virginia a very small state. I never thought that I will get to go to college but I decided I will go to college. So I went to the small state college and in those days we will dream about having access to the libraries and knowledge of the huge universities. Now virtually every student has that potential.

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## NSE PH Branch EXCO Meeting Held on Thursday, July 5 2012



NSE PH Branch EXCO Members during the July 2012 meeting



L-R: Engrs. Igoni, Prof. Hart, Kombo, Dania & Idoniboye




**COUNCIL FOR THE REGULATION OF ENGINEERING IN NIGERIA**

Announces the

# 21<sup>st</sup> COREN ENGINEERING ASSEMBLY.

**Theme:**  
**ENGINEERING CAPACITY, INTEGRITY AND NATIONAL TRANSFORMATION**

**Venue:** International Conference Center, Abuja  
**Date:** Tuesday 4<sup>th</sup> - Wednesday 5<sup>th</sup> September, 2012.  
**Time:** 9.00 am  
**Registration:**  
**Engineers & Technologists:** N15,000 Pre-Registration on or before 3<sup>rd</sup> August, 2012 and N20,000 after 3<sup>rd</sup> August 2012  
**Technicians & Craftsmen:** N7,500 Flat

**NSE PH Branch Workshop/Exhibitions To Showcase Nigerian Content Gains, Challenges & Prospects Held on 9-11 July 2012.**



**NIGERIAN CONTENT DEVELOPMENT AND MONITORING BOARD, RIVERS STATE HOUSE OF ASSEMBLY.**  
*welcome you to*  
**A 3-DAY WORKSHOP/EXHIBITIONS TO SHOWCASE NIGERIAN CONTENT GAINS, CHALLENGES & PROSPECTS**  
Date: 09 - 11<sup>th</sup> JULY 2012 Venue: NSE Secretariat, Water Works Yard, 3 Bernard Carr Street, Port Harcourt  
Time: 10:00hrs  
Opening Session: Petroleum Industry Bill/NCD, Oil, Gas and Power  
Chairman of The Open House: Engr. M. B. Sh...

R-L: Vassily Barberopoulos (Chairman of MANLOC), MD of Boskel, Engr. M. D. Derefaka FNSE, Engr. Chief O. O. Oruye FNSE & Engr. Chief G. Massari FNSE, on 10th July 2012 "Manufacturers Day" during the Nigerian Content Workshop/Exhibitions.



L-R: Engr. F. C. Ogolo FNSE, Engr. B. T. D. George FNSE and other participants during the event.



**The Nigerian Society of Engineers**  
Port Harcourt Branch  
*In collaboration with*  
**DELTEC ENGINEERING LTD.**

ORGANIZES

## 3 DAYS WORKSHOP ON: DESIGN, CONSTRUCTION & MAINTENANCE OF SWIMMING POOLS & UNDERWATER STRUCTURES

**WHO TO ATTEND:**  
 ■ ENGINEERS ■ ARCHITECTS ■ DESIGNERS  
 ■ MAINTENANCE CREW ■ STUDENTS & OTHERS

**DATE:** WED. 22ND - FRI. 24TH AUGUST, 2012 **TIME:** 9.00AM DAILY.

**Venue:** Engr. Ishmael A. Banigo secretariat, Water Works Yard, 3 Bernard Carr Street, Port Harcourt.  
**Time:** 9.00 am Daily.  
**Fee:** Registered Engineers (N60,000), Students/Graduate members (N30,000), Others (N65,000)  
**Enquiries:** Engr. Denis Dania (08033395137), Engr. Emmanuel Idoniboye (08033099805) & Engr. Precious Bob-Manuel (08033302175)

**Interview with Elizabeth Feinler on Early Networks**

If we can only bring it to them, it is out there for them and that is so mind blowing for me. I think that should be our goal to see that children get educated, they have access to this internet and they can fulfill their dreams but that is not always the case as many of you know. I like to see the internet being a neutral vehicle on which we do things. Some could be good but unfortunately some could not be so good. I think open system maybe my dream but I don't know how it will evolve. There are lots of interests out there right now, a lot of contention whether to go this way or that way and I think an organization like ISOC is neutral; everybody has the say.

**E-Newsletter:** *Thank you very much ma'am.*



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**NOTICE! NOTICE!! NOTICE!!!**  
All members of NSE PH should pay their **Annual Branch Dues of N4,500 for Corporate Members and N6,500 for Fellows to UBA ACC. NO: 1000183629 (Port Harcourt Main Branch).** Also pay **National Annual Subscription of N7,500.00 for Corporate Members & N9,500 for Fellows** directly to **Main Street Bank ACC No. 6500374224** & forward all tellers to the secretariat for reconciliation. All payments should be made at the Bank